

Flood Control Project Maintenance
2018 Structure Summary Report
Overall Unit and Item Ratings

Plumas County

North Fork Feather River Diversion Channel Drop Structure No. 1

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2018 Structure Summary Report
Overall Unit and Item Ratings

Plumas County (cont.)

North Fork Feather River Diversion Channel Drop Structure No. 2

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2018 Structure Summary Report
Overall Unit and Item Ratings

Plumas County (cont.)

North Fork Feather River Diversion Channel Drop Structure No. 3

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2018 Structure Summary Report
Overall Unit and Item Ratings

Plumas County (cont.)

North Fork Feather River Diversion Channel Drop Structure No. 4

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2018 Structure Summary Report
Overall Unit and Item Ratings

Plumas County (cont.)

North Fork Feather River Diversion Channel Drop Structure No. 5

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2018 Structure Summary Report
Overall Unit and Item Ratings

Plumas County (cont.)

North Fork Feather River Diversion Channel Drop Structure No. 6

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2018 Structure Summary Report
Overall Unit and Item Ratings

Plumas County (cont.)

North Fork Feather River Diversion Channel Drop Structure No. 7

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2018 Structure Summary Report
Overall Unit and Item Ratings

Plumas County (cont.)

North Fork Feather River Diversion Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	M
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	M
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	N
	Trash Racks	A
	Flap Gates	N
	Sluice/Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	A
	Closure Structures	A
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
Unit Cover Sheet
2018 Structure Inspection Results

Plumas County

Structure
North Fork Feather River Diversion Channel Drop Structure No. 1

Structure Rating	A
Date of Inspection	7/17/2018
DWR Inspector	Sterling York
Accompanied By	Rusell Furtado Plumas County Public Works
	Rob Thorman Plumas County Public Works

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			40.299243 °	40.299243 °
				-121.262034 °	-121.262034 °
DWR ID	DWR_NA0015_57_t_2012_23				
Action/Comments					
Inspector Comments: Channel needs to be sprayed or remove all vegetation from the channel.					

Photo 1 of 4 : ST_2018_NA0015_57_23_20180724_00005.jpg



View looking upstream from Drop Structure 1, 2018.

LM Start	0.00	Rating **	N	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 4 : ST_2018_NA0015_57_23_20180724_00006.jpg



View looking downstream from Drop Structure 1, 2018.

LM Start	0.00	Rating **	N	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 4 : ST_2018_NA0015_57_23_20180723_00004.jpg



View of drop structure 1, looking towards the North Fork Feather River.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			40.299243 °	40.299243 °
				-121.262034 °	-121.262034 °
DWR ID	DWR_NA0015_57_t_2012_23				
Action/Comments					
Inspector Comments: Channel needs to be sprayed or remove all vegetation from the channel.					

Photo 4 of 4 : ST_2018_NA0015_57_23_20180723_00003.jpg



View of drop structure 2, looking towards drop structure 1.

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			40.299243 °	40.299243 °
				-121.262034 °	-121.262034 °
DWR ID	DWR_NA0015_57_t_2012_1				
Action/Comments					
Inspector Comments: All vegetation needs to be removed from the channel near the drop structure before winter, 2018.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Shoaling / Sedimentation			40.299243 °	40.299243 °
				-121.262034 °	-121.262034 °
DWR ID	DWR_NA0015_57_t_2012_2				
Action/Comments					
Inspector Comments: There is no shoaling or sedimentation present.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Erosion / Bank Caving	40.299243 °		40.299243 °	
		-121.262034 °		-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_3				
Action/Comments					
Inspector Comments: There is no erosion activity present.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Revetments	40.299243 °		40.299243 °	
		-121.262034 °		-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_4				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained.					

Photo 1 of 1 : ST_2018_NA0015_57_4_20180724_00007.jpg



View looking across the drop structure from the left bank at the well maintained concreted revetment, 2018.

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Encroachments	40.299243 °		40.299243 °	
		-121.262034 °		-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_5				
Action/Comments					
Inspector Comments: There is no debris in the channel.					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets			40.299243 °	40.299243 °
				-121.262034 °	-121.262034 °
DWR ID	DWR_NA0015_57_t_2012_6				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	7	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Culverts: Breaks / Holes / Cracks			40.299243 °	40.299243 °	
				-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_7					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Metal Pipes			40.299243 °	40.299243 °
				-121.262034 °	-121.262034 °
DWR ID	DWR_NA0015_57_t_2012_8				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Racks	40.299243 °		40.299243 °	
		-121.262034 °		-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_9				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			40.299243 °	40.299243 °
				-121.262034 °	-121.262034 °
DWR ID	DWR_NA0015_57_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Sluice/Slide Gates			40.299243 °	40.299243 °
				-121.262034 °	-121.262034 °
DWR ID	DWR_NA0015_57_t_2012_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			40.299243 °	40.299243 °
				-121.262034 °	-121.262034 °
DWR ID	DWR_NA0015_57_t_2012_12				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			40.299243 °	40.299243 °
				-121.262034 °	-121.262034 °
DWR ID	DWR_NA0015_57_t_2012_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	14	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Concrete Surfaces			40.299243 °	40.299243 °	
				-121.262034 °	-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_14					
Action/Comments						
Inspector Comments: The concrete surface is weathered and rough to the touch but still well intact, 2018.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Tilting / Settlement	40.299243 °		40.299243 °	
		-121.262034 °		-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_15				
Action/Comments					
Inspector Comments: No areas of tilting were observed.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			40.299243 °	40.299243 °
				-121.262034 °	-121.262034 °
DWR ID	DWR_NA0015_57_t_2012_16				
Action/Comments					
Inspector Comments: There is no erosion or undermining near the structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			40.299243 °	40.299243 °
				-121.262034 °	-121.262034 °
DWR ID	DWR_NA0015_57_t_2012_17				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	18	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Closure Structures			40.299243 °		40.299243 °
				-121.262034 °		-121.262034 °
DWR ID	DWR_NA0015_57_t_2012_18					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Rakes	40.299243 °		40.299243 °	
		-121.262034 °		-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Other Metallic Items			40.299243 °	40.299243 °
				-121.262034 °	-121.262034 °
DWR ID	DWR_NA0015_57_t_2012_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Monolith Joints	40.299243 °		40.299243 °	
		-121.262034 °		-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Safety	40.299243 °		40.299243 °	
		-121.262034 °		-121.262034 °	
DWR ID	DWR_NA0015_57_t_2012_22				
Action/Comments					
Inspector Comments: There are no apparent safety issues at this site.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			40.299243 °	40.299243 °
				-121.262034 °	-121.262034 °
DWR ID	DWR_NA0015_57_t_2013_24				
Action/Comments					
Inspector Comments: The county has copies of the O&M Manual in their Chester office.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Flood Control Project Maintenance
Unit Cover Sheet
2018 Structure Inspection Results

Plumas County

Structure
North Fork Feather River Diversion Channel Drop Structure No. 2

Structure Rating	A
Date of Inspection	7/17/2018
DWR Inspector	Sterling York
Accompanied By	Rusell Furtado Plumas County Public Works
	Rob Thorman Plumas County Public Works

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			40.294270 °	40.294270 °
				-121.258935 °	-121.258935 °
DWR ID	DWR_NA0015_58_t_2012_23				
Action/Comments					
Inspector Comments: The channel needs to be sprayed or remove all vegetation from the channel, 2018.					

Photo 1 of 4 : ST_2018_NA0015_58_23_20180724_00006.jpg



View of Drop Structure 2 looking upstream, 2018.

LM Start	0.00	Rating **	N	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 4 : ST_2018_NA0015_58_23_20180724_00007.jpg



View of Drop Structure 2 looking downstream, 2018.

LM Start	0.00	Rating **	N	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 4 : ST_2018_NA0015_58_23_20180723_00001.jpg



View of drop structure 2, with water flowing over the structure during the inspection.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	23 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Photo Documentation			40.294270 °		40.294270 °
				-121.258935 °		-121.258935 °
DWR ID	DWR_NA0015_58_t_2012_23					
Action/Comments						
Inspector Comments: The channel needs to be sprayed or remove all vegetation from the channel, 2018.						

Photo 4 of 4 : ST_2018_NA0015_58_23_20180723_00002.jpg



View of drop structure 2, with water flowing over the structure during the inspection.

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			40.294270 °	40.294270 °
				-121.258935 °	-121.258935 °
DWR ID	DWR_NA0015_58_t_2012_1				
Action/Comments					
Inspector Comments: All vegetation needs to be removed from near the drop structure before winter, 2018.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	2	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Shoaling / Sedimentation			40.294270 °		40.294270 °
				-121.258935 °		-121.258935 °
DWR ID	DWR_NA0015_58_t_2012_2					
Action/Comments						
Inspector Comments: There is no shoaling or sedimentation present.						

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			40.294270 °	40.294270 °
				-121.258935 °	-121.258935 °
DWR ID	DWR_NA0015_58_t_2012_3				
Action/Comments					
Inspector Comments: There is no erosion activity present.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Revetments			40.294270 °	40.294270 °
				-121.258935 °	-121.258935 °
DWR ID	DWR_NA0015_58_t_2012_4				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained.					

Photo 1 of 1 : ST_2018_NA0015_58_4_20180724_00005.jpg



View looking across the drop structure from the left bank at the well maintained concreted revetment, 2018.

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.294270 °	40.294270 °
				-121.258935 °	-121.258935 °
DWR ID	DWR_NA0015_58_t_2012_5				
Action/Comments					
Inspector Comments: There is no debris in the channel.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets			40.294270 °	40.294270 °
				-121.258935 °	-121.258935 °
DWR ID	DWR_NA0015_58_t_2012_6				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	7	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Culverts: Breaks / Holes / Cracks			40.294270 °	40.294270 °	
				-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_7					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	8	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Metal Pipes			40.294270 °	40.294270 °	
				-121.258935 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_8					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	9	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Trash Racks			40.294270 °		40.294270 °
				-121.258935 °		-121.258935 °
DWR ID	DWR_NA0015_58_t_2012_9					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Flap Gates	40.294270 °		40.294270 °	
		-121.258935 °		-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Sluice/Slide Gates	40.294270 °		40.294270 °	
		-121.258935 °		-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			40.294270 °	40.294270 °
				-121.258935 °	-121.258935 °
DWR ID	DWR_NA0015_58_t_2012_12				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			40.294270 °	40.294270 °
				-121.258935 °	-121.258935 °
DWR ID	DWR_NA0015_58_t_2012_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Surfaces			40.294270 °	40.294270 °
				-121.258935 °	-121.258935 °
DWR ID	DWR_NA0015_58_t_2012_14				
Action/Comments					
Inspector Comments: The concrete surface is weathered and rough to the touch but still well intact, 2018.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Tilting / Settlement	40.294270 °		40.294270 °	
		-121.258935 °		-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_15				
Action/Comments					
Inspector Comments: No areas of tilting were observed.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Foundations	40.294270 °		40.294270 °	
		-121.258935 °		-121.258935 °	
DWR ID	DWR_NA0015_58_t_2015_16				
Action/Comments					
Inspector Comments: There is no erosion or undermining near the structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Security Fencing	40.294270 °		40.294270 °	
		-121.258935 °		-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_17				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Closure Structures	40.294270 °		40.294270 °	
		-121.258935 °		-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_18				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			40.294270 °	40.294270 °
				-121.258935 °	-121.258935 °
DWR ID	DWR_NA0015_58_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Other Metallic Items			40.294270 °		40.294270 °
				-121.258935 °		-121.258935 °
DWR ID	DWR_NA0015_58_t_2012_20					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Monolith Joints	40.294270 °		40.294270 °	
		-121.258935 °		-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Safety	40.294270 °		40.294270 °	
		-121.258935 °		-121.258935 °	
DWR ID	DWR_NA0015_58_t_2012_22				
Action/Comments					
Inspector Comments: There are no visible safety issues at this site.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			40.294270 °	40.294270 °
				-121.258935 °	-121.258935 °
DWR ID	DWR_NA0015_58_t_2013_24				
Action/Comments					
Inspector Comments: The county has copies of the O&M Manual in their Chester office.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Unit Cover Sheet
2018 Structure Inspection Results

Plumas County

Structure
North Fork Feather River Diversion Channel Drop Structure No. 3

Structure Rating	A
Date of Inspection	7/17/2018
DWR Inspector	Sterling York
Accompanied By	Rusell Furtado Plumas County Public Works
	Rob Thorman Plumas County Public Works

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	23
LM End		Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			40.289767 °	40.289767 °
				-121.256375 °	-121.256375 °
DWR ID	DWR_NA0015_59_t_2012_23				
Action/Comments					
Inspector Comments: The channel needs to be sprayed or remove all vegetation from the channel, 2018.					

Photo 1 of 2 : ST_2018_NA0015_59_23_20180724_00007.jpg



View looking upstream at Drop Structure 3, 2018.

LM Start	0.00	Rating **	N	Issue No.	23 (cont)
LM End		Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2018_NA0015_59_23_20180724_00006.jpg



View looking downstream at Drop Structure 3, 2018.

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			40.289767 °	40.289767 °
				-121.256375 °	-121.256375 °
DWR ID	DWR_NA0015_59_t_2012_1				
Action/Comments					
Inspector Comments: All vegetation needs to be removed from near the drop structure before winter, 2018.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Shoaling / Sedimentation	40.289767 °		40.289767 °	
		-121.256375 °		-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_2				
Action/Comments					
Inspector Comments: There is no shoaling or sedimentation present.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			40.289767 °	40.289767 °
				-121.256375 °	-121.256375 °
DWR ID	DWR_NA0015_59_t_2012_3				
Action/Comments					
Inspector Comments: There is no erosion activity present.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Revetments	40.289767 °		40.289767 °	
		-121.256375 °		-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_4				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained, 2018.					

Photo 1 of 1 : ST_2018_NA0015_59_4_20180724_00005.jpg



View looking across the drop structure from the left bank at the well maintained concreted revetment, 2018.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	5	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			40.289767 °		40.289767 °
				-121.256375 °		-121.256375 °
DWR ID	DWR_NA0015_59_t_2012_5					
Action/Comments						
Inspector Comments: There is no debris in the channel.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	6	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Inlets / Outlets			40.289767 °		40.289767 °
				-121.256375 °		-121.256375 °
DWR ID	DWR_NA0015_59_t_2012_6					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	7	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Breaks / Holes / Cracks			40.289767 °		40.289767 °
				-121.256375 °		-121.256375 °
DWR ID	DWR_NA0015_59_t_2012_7					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Metal Pipes	40.289767 °		40.289767 °	
		-121.256375 °		-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_8				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Racks	40.289767 °		40.289767 °	
		-121.256375 °		-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_9				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			40.289767 °	40.289767 °
				-121.256375 °	-121.256375 °
DWR ID	DWR_NA0015_59_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Sluice/Slide Gates	40.289767 °		40.289767 °	
		-121.256375 °		-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			40.289767 °	40.289767 °
				-121.256375 °	-121.256375 °
DWR ID	DWR_NA0015_59_t_2012_12				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Manual Gate Operators			40.289767 °		40.289767 °
				-121.256375 °		-121.256375 °
DWR ID	DWR_NA0015_59_t_2012_13					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Surfaces	40.289767 °		40.289767 °	
		-121.256375 °		-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_14				
Action/Comments					
Inspector Comments: The concrete surface is weathered and rough to the touch but is still well intact, 2018.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Concrete Tilting / Settlement			40.289767 °		40.289767 °
				-121.256375 °		-121.256375 °
DWR ID	DWR_NA0015_59_t_2012_15					
Action/Comments						
Inspector Comments: No areas of tilting were observed.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			40.289767 °	40.289767 °
				-121.256375 °	-121.256375 °
DWR ID	DWR_NA0015_59_t_2012_16				
Action/Comments					
Inspector Comments: There is no erosion or undermining near the structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Security Fencing	40.289767 °		40.289767 °	
		-121.256375 °		-121.256375 °	
DWR ID	DWR_NA0015_59_t_2012_17				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			40.289767 °	40.289767 °
				-121.256375 °	-121.256375 °
DWR ID	DWR_NA0015_59_t_2012_18				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			40.289767 °	40.289767 °
				-121.256375 °	-121.256375 °
DWR ID	DWR_NA0015_59_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	40.289767 °		40.289767 °	
		-121.256375 °		-121.256375 °	
DWR ID	DWR_NA0015_59_t _ 2012_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			40.289767 °	40.289767 °
				-121.256375 °	-121.256375 °
DWR ID	DWR_NA0015_59_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Safety			40.289767 °	40.289767 °
				-121.256375 °	-121.256375 °
DWR ID	DWR_NA0015_59_t_2012_22				
Action/Comments					
Inspector Comments: There are no visible safety issues at this site.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			40.289767 °	40.289767 °
				-121.256375 °	-121.256375 °
DWR ID	DWR_NA0015_59_t_2013_24				
Action/Comments					
Inspector Comments: The county has copies of the O&M Manual in their Chester office.					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Unit Cover Sheet
2018 Structure Inspection Results

Plumas County

Structure
North Fork Feather River Diversion Channel Drop Structure No. 4

Structure Rating	A
Date of Inspection	7/17/2018
DWR Inspector	Sterling York
Accompanied By	Rusell Furtado Plumas County Public Works
	Rob Thorman Plumas County Public Works

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			40.285653 °	40.285653 °
				-121.253902 °	-121.253902 °
DWR ID	DWR_NA0015_60_t_2012_23				
Action/Comments					
Inspector Comments: The channel needs to be sprayed or remove all vegetation from the channel, 2018.					

Photo 1 of 2 : ST_2018_NA0015_60_23_20180724_00007.jpg



View looking downstream at Drop Structure 4, 2018.

LM Start	0.00	Rating **	N	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2018_NA0015_60_23_20180724_00008.jpg



View looking upstream at Drop Structure 4, 2018.

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			40.285653 °	40.285653 °
				-121.253902 °	-121.253902 °
DWR ID	DWR_NA0015_60_t_2012_1				
Action/Comments					
Inspector Comments: All vegetation needs to be removed from near the drop structure before winter, 2018.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Shoaling / Sedimentation			40.285653 °	40.285653 °
				-121.253902 °	-121.253902 °
DWR ID	DWR_NA0015_60_t_2012_2				
Action/Comments					
Inspector Comments: There is no shoaling but the start of small deposit of sedimentation present, this should not impede flows, 2018.					

Photo 1 of 1 : ST_2018_NA0015_60_2_20180724_00006.jpg



View of the right side of the channel at a small build up of sedimentation, 2018.

LM Start	0.00	Rating **	A	Issue No.	3	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			40.285653 °	40.285653 °	
				-121.253902 °	-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_3					
Action/Comments						
Inspector Comments: There is no erosion activity present.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Revetments			40.285653 °	40.285653 °
				-121.253902 °	-121.253902 °
DWR ID	DWR_NA0015_60_t_2012_4				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained.					

Photo 1 of 1 : ST_2018_NA0015_60_4_20180724_00005.jpg



View looking across the drop structure from the left bank at the well maintained concreted revetment, 2018.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Encroachments	40.285653 °		40.285653 °	
		-121.253902 °		-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_5				
Action/Comments					
Inspector Comments: There is no debris in the channel.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	6	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Inlets / Outlets			40.285653 °		40.285653 °
				-121.253902 °		-121.253902 °
DWR ID	DWR_NA0015_60_t_2012_6					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	7	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Breaks / Holes / Cracks			40.285653 °		40.285653 °
				-121.253902 °		-121.253902 °
DWR ID	DWR_NA0015_60_t_2012_7					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Metal Pipes	40.285653 °		40.285653 °	
		-121.253902 °		-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_8				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Trash Racks	40.285653 °		40.285653 °	
		-121.253902 °		-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_9				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			40.285653 °	40.285653 °
				-121.253902 °	-121.253902 °
DWR ID	DWR_NA0015_60_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Sluice/Slide Gates	40.285653 °		40.285653 °	
		-121.253902 °		-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			40.285653 °	40.285653 °
				-121.253902 °	-121.253902 °
DWR ID	DWR_NA0015_60_t_2012_12				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			40.285653 °	40.285653 °
				-121.253902 °	-121.253902 °
DWR ID	DWR_NA0015_60_t_2012_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Surfaces	40.285653 °		40.285653 °	
		-121.253902 °		-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_14				
Action/Comments					
Inspector Comments: The concrete surface is weathered and rough to the touch but is still well intact, 2018.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Tilting / Settlement			40.285653 °	40.285653 °
				-121.253902 °	-121.253902 °
DWR ID	DWR_NA0015_60_t_2012_15				
Action/Comments					
Inspector Comments: No areas of tilting were observed.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Foundations	40.285653 °		40.285653 °	
		-121.253902 °		-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_16				
Action/Comments					
Inspector Comments: There is no erosion or undermining near the structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			40.285653 °	40.285653 °
				-121.253902 °	-121.253902 °
DWR ID	DWR_NA0015_60_t_2012_17				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			40.285653 °	40.285653 °
				-121.253902 °	-121.253902 °
DWR ID	DWR_NA0015_60_t_2012_18				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			40.285653 °	40.285653 °
				-121.253902 °	-121.253902 °
DWR ID	DWR_NA0015_60_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	40.285653 °		40.285653 °	
		-121.253902 °		-121.253902 °	
DWR ID	DWR_NA0015_60_t_2015_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			40.285653 °	40.285653 °
				-121.253902 °	-121.253902 °
DWR ID	DWR_NA0015_60_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Safety	40.285653 °		40.285653 °	
		-121.253902 °		-121.253902 °	
DWR ID	DWR_NA0015_60_t_2012_22				
Action/Comments					
Inspector Comments: There are no visible safety issues at this site.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			40.285653 °	40.285653 °
				-121.253902 °	-121.253902 °
DWR ID	DWR_NA0015_60_t_2013_24				
Action/Comments					
Inspector Comments: The county has copies of the O&M Manual in their Chester office.					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Unit Cover Sheet
2018 Structure Inspection Results

Plumas County

Structure
North Fork Feather River Diversion Channel Drop Structure No. 5

Structure Rating	A
Date of Inspection	7/17/2018
DWR Inspector	Sterling York
Accompanied By	Rusell Furtado Plumas County Public Works
	Rob Thorman Plumas County Public Works

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			40.283028 °	40.283028 °
				-121.252348 °	-121.252348 °
DWR ID	DWR_NA0015_61_t_2012_23				
Action/Comments					
Inspector Comments: The channel needs to be sprayed or remove all vegetation from the channel, 2018.					

Photo 1 of 2 : ST_2018_NA0015_61_23_20180724_00006.jpg



View looking downstream at Drop Structure 5, 2018.

LM Start	0.00	Rating **	N	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2018_NA0015_61_23_20180724_00007.jpg



View looking upstream at Drop Structure 5, 2018.

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			40.283028 °	40.283028 °
				-121.252348 °	-121.252348 °
DWR ID	DWR_NA0015_61_t_2012_1				
Action/Comments					
Inspector Comments: All vegetation needs to be removed from near the drop structure before winter, 2018.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	2	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Shoaling / Sedimentation			40.283028 °		40.283028 °
				-121.252348 °		-121.252348 °
DWR ID	DWR_NA0015_61_t_2012_2					
Action/Comments						
Inspector Comments: There is no shoaling or sedimentation present.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Erosion / Bank Caving	40.283028 °		40.283028 °	
		-121.252348 °		-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_3				
Action/Comments					
Inspector Comments: There is no erosion activity present.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Revetments	40.283028 °		40.283028 °	
		-121.252348 °		-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_4				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained.					

Photo 1 of 1 : ST_2018_NA0015_61_4_20180724_00008.jpg



View looking across the drop structure from the left bank at the well maintained concreted revetment, 2018.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Encroachments	40.283028 °		40.283028 °	
		-121.252348 °		-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_5				
Action/Comments					
Inspector Comments: There is no debris in the channel.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	6	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Inlets / Outlets			40.283028 °		40.283028 °
				-121.252348 °		-121.252348 °
DWR ID	DWR_NA0015_61_t_2012_6					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	7	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Breaks / Holes / Cracks			40.283028 °		40.283028 °
				-121.252348 °		-121.252348 °
DWR ID	DWR_NA0015_61_t_2012_7					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Metal Pipes	40.283028 °		40.283028 °	
		-121.252348 °		-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_8				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Racks	40.283028 °		40.283028 °	
		-121.252348 °		-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_9				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			40.283028 °	40.283028 °
				-121.252348 °	-121.252348 °
DWR ID	DWR_NA0015_61_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Sluice/Slide Gates	40.283028 °		40.283028 °	
		-121.252348 °		-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			40.283028 °	40.283028 °
				-121.252348 °	-121.252348 °
DWR ID	DWR_NA0015_61_t_2015_12				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			40.283028 °	40.283028 °
				-121.252348 °	-121.252348 °
DWR ID	DWR_NA0015_61_t_2012_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Surfaces	40.283028 °		40.283028 °	
		-121.252348 °		-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_14				
Action/Comments					
Inspector Comments: The concrete surface is weathered and rough to the touch but is still well intact, 2018.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Tilting / Settlement			40.283028 °	40.283028 °
				-121.252348 °	-121.252348 °
DWR ID	DWR_NA0015_61_t_2012_15				
Action/Comments					
Inspector Comments: No areas of tilting were observed.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			40.283028 °	40.283028 °
				-121.252348 °	-121.252348 °
DWR ID	DWR_NA0015_61_t_2012_16				
Action/Comments					
Inspector Comments: There is no erosion or undermining near the structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	17	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Security Fencing			40.283028 °		40.283028 °
				-121.252348 °		-121.252348 °
DWR ID	DWR_NA0015_61_t_2012_17					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			40.283028 °	40.283028 °
				-121.252348 °	-121.252348 °
DWR ID	DWR_NA0015_61_t_2012_18				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			40.283028 °	40.283028 °
				-121.252348 °	-121.252348 °
DWR ID	DWR_NA0015_61_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	40.283028 °		40.283028 °	
		-121.252348 °		-121.252348 °	
DWR ID	DWR_NA0015_61_t_2015_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Monolith Joints	40.283028 °		40.283028 °	
		-121.252348 °		-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Safety	40.283028 °		40.283028 °	
		-121.252348 °		-121.252348 °	
DWR ID	DWR_NA0015_61_t_2012_22				
Action/Comments					
Inspector Comments: There are no visible safety issues at this site.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			40.283028 °	40.283028 °
				-121.252348 °	-121.252348 °
DWR ID	DWR_NA0015_61_t_2013_24				
Action/Comments					
Inspector Comments: The county has copies of the O&M Manual in their Chester office.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Unit Cover Sheet
2018 Structure Inspection Results

Plumas County

Structure
North Fork Feather River Diversion Channel Drop Structure No. 6

Structure Rating	A
Date of Inspection	7/17/2018
DWR Inspector	Sterling York
Accompanied By	Rusell Furtado Plumas County Public Works
	Rob Thorman Plumas County Public Works

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			40.275902 °	40.275902 °
				-121.248142 °	-121.248142 °
DWR ID	DWR_NA0015_62_t_2012_23				
Action/Comments					
Inspector Comments: The channel needs to be sprayed or remove all vegetation from the channel.					

Photo 1 of 2 : ST_2018_NA0015_62_23_20180724_00006.jpg



View looking downstream at Drop Structure 6, 2018.

LM Start	0.00	Rating **	N	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2018_NA0015_62_23_20180724_00007.jpg



View looking upstream at Drop Structure 6, 2018.

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			40.275902 °	40.275902 °
				-121.248142 °	-121.248142 °
DWR ID	DWR_NA0015_62_t_2012_1				
Action/Comments					
Inspector Comments: All vegetation needs to be removed from near the drop structure before winter, 2018.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	2	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Shoaling / Sedimentation			40.275902 °		40.275902 °
				-121.248142 °		-121.248142 °
DWR ID	DWR_NA0015_62_t_2012_2					
Action/Comments						
Inspector Comments: There is no shoaling or sedimentation present.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			40.275902 °	40.275902 °
				-121.248142 °	-121.248142 °
DWR ID	DWR_NA0015_62_t_2012_3				
Action/Comments					
Inspector Comments: There is no erosion activity present.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Revetments			40.275902 °	40.275902 °
				-121.248142 °	-121.248142 °
DWR ID	DWR_NA0015_62_t_2012_4				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained.					

Photo 1 of 1 : ST_2018_NA0015_62_4_20180724_00005.jpg



View looking across the drop structure from the left bank at the well maintained concreted revetment, 2018.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Encroachments	40.275902 °		40.275902 °	
		-121.248142 °		-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_5				
Action/Comments					
Inspector Comments: There is no debris in the channel.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets			40.275902 °	40.275902 °
				-121.248142 °	-121.248142 °
DWR ID	DWR_NA0015_62_t_2012_6				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	7	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Breaks / Holes / Cracks			40.275902 °		40.275902 °
				-121.248142 °		-121.248142 °
DWR ID	DWR_NA0015_62_t_2012_7					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Metal Pipes	40.275902 °		40.275902 °	
		-121.248142 °		-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_8				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Racks			40.275902 °	40.275902 °
				-121.248142 °	-121.248142 °
DWR ID	DWR_NA0015_62_t_2012_9				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			40.275902 °	40.275902 °
				-121.248142 °	-121.248142 °
DWR ID	DWR_NA0015_62_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Sluice/Slide Gates			40.275902 °	40.275902 °
				-121.248142 °	-121.248142 °
DWR ID	DWR_NA0015_62_t_2012_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			40.275902 °	40.275902 °
				-121.248142 °	-121.248142 °
DWR ID	DWR_NA0015_62_t_2012_12				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Manual Gate Operators			40.275902 °	40.275902 °	
				-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_13					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Surfaces	40.275902 °		40.275902 °	
		-121.248142 °		-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_14				
Action/Comments					
Inspector Comments: The concrete surface is weathered and rough to the touch but is still well intact, 2018.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Tilting / Settlement	40.275902 °		40.275902 °	
		-121.248142 °		-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_15				
Action/Comments					
Inspector Comments: No areas of tilting were observed.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Foundations	40.275902 °		40.275902 °	
		-121.248142 °		-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_16				
Action/Comments					
Inspector Comments: There is no erosion or undermining near the structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	17	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Security Fencing			40.275902 °	40.275902 °	
				-121.248142 °	-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_17					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			40.275902 °	40.275902 °
				-121.248142 °	-121.248142 °
DWR ID	DWR_NA0015_62_t_2012_18				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			40.275902 °	40.275902 °
				-121.248142 °	-121.248142 °
DWR ID	DWR_NA0015_62_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	40.275902 °		40.275902 °	
		-121.248142 °		-121.248142 °	
DWR ID	DWR_NA0015_62_t_2012_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	21	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Monolith Joints			40.275902 °		40.275902 °
				-121.248142 °		-121.248142 °
DWR ID	DWR_NA0015_62_t_2012_21					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Safety			40.275902 °	40.275902 °
				-121.248142 °	-121.248142 °
DWR ID	DWR_NA0015_62_t_2012_22				
Action/Comments					
Inspector Comments: There are no visible safety issues at this site.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			40.275902 °	40.275902 °
				-121.248142 °	-121.248142 °
DWR ID	DWR_NA0015_62_t_2013_24				
Action/Comments					
Inspector Comments: The county has copies of the O&M Manual in their Chester office.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Unit Cover Sheet
2018 Structure Inspection Results

Plumas County

Structure
North Fork Feather River Diversion Channel Drop Structure No. 7

Structure Rating	A
Date of Inspection	7/17/2018
DWR Inspector	Sterling York
Accompanied By	Rusell Furtado Plumas County Public Works
	Rob Thorman Plumas County Public Works

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			40.272544 °	40.272544 °
				-121.246161 °	-121.246161 °
DWR ID	DWR_NA0015_63_t_2015_23				
Action/Comments					
Inspector Comments: The channel needs to be sprayed or have all vegetation removed from the channel (2018).					

Photo 1 of 2 : ST_2018_NA0015_63_23_20180724_00006.jpg



View looking downstream at Drop Structure 7, 2018.

LM Start	0.00	Rating **	N	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2018_NA0015_63_23_20180724_00007.jpg



View looking upstream at Drop Structure 7, 2018.

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			40.272544 °	40.272544 °
				-121.246161 °	-121.246161 °
DWR ID	DWR_NA0015_63_t_2012_1				
Action/Comments					
Inspector Comments: The channels vegetation needs to be removed from near the drop structure before winter, 2018.					

Photo 1 of 1 : ST_2018_NA0015_63_1_20180802_00008.jpg



Vegetation in channel near structure should be removed.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	2	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Shoaling / Sedimentation			40.272544 °	40.272544 °	
				-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_2					
Action/Comments						
Inspector Comments: There is no shoaling or sedimentation present.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			40.272544 °	40.272544 °
				-121.246161 °	-121.246161 °
DWR ID	DWR_NA0015_63_t_2012_3				
Action/Comments					
Inspector Comments: There is no erosion activity present.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Revetments			40.272544 °		40.272544 °
				-121.246161 °		-121.246161 °
DWR ID	DWR_NA0015_63_t_2012_4					
Action/Comments						
Inspector Comments: Existing riprap protection is properly maintained.						

Photo 1 of 1 : ST_2018_NA0015_63_4_20180724_00005.jpg



View looking across the drop structure from the left bank at the well maintained concreted revetment, 2018.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	5	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			40.272544 °		40.272544 °
				-121.246161 °		-121.246161 °
DWR ID	DWR_NA0015_63_t_2012_5					
Action/Comments						
Inspector Comments: There is no debris in the channel.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	6	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Inlets / Outlets			40.272544 °		40.272544 °
				-121.246161 °		-121.246161 °
DWR ID	DWR_NA0015_63_t_2012_6					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	7	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Breaks / Holes / Cracks			40.272544 °		40.272544 °
				-121.246161 °		-121.246161 °
DWR ID	DWR_NA0015_63_t_2012_7					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Metal Pipes	40.272544 °		40.272544 °	
		-121.246161 °		-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_8				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	9	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Trash Racks			40.272544 °		40.272544 °
				-121.246161 °		-121.246161 °
DWR ID	DWR_NA0015_63_t_2012_9					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			40.272544 °	40.272544 °
				-121.246161 °	-121.246161 °
DWR ID	DWR_NA0015_63_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Sluice/Slide Gates			40.272544 °	40.272544 °
				-121.246161 °	-121.246161 °
DWR ID	DWR_NA0015_63_t_2012_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			40.272544 °	40.272544 °
				-121.246161 °	-121.246161 °
DWR ID	DWR_NA0015_63_t_2012_12				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			40.272544 °	40.272544 °
				-121.246161 °	-121.246161 °
DWR ID	DWR_NA0015_63_t_2012_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Surfaces	40.272544 °		40.272544 °	
		-121.246161 °		-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_14				
Action/Comments					
Inspector Comments: The concrete surface is weathered and rough to the touch but is well intact, 2018..					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Concrete Tilting / Settlement			40.272544 °		40.272544 °
				-121.246161 °		-121.246161 °
DWR ID	DWR_NA0015_63_t_2012_15					
Action/Comments						
Inspector Comments: No areas of tilting were observed.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			40.272544 °	40.272544 °
				-121.246161 °	-121.246161 °
DWR ID	DWR_NA0015_63_t_2012_16				
Action/Comments					
Inspector Comments: There is no erosion or undermining near the structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Security Fencing	40.272544 °		40.272544 °	
		-121.246161 °		-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_17				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	18	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Closure Structures			40.272544 °		40.272544 °
				-121.246161 °		-121.246161 °
DWR ID	DWR_NA0015_63_t_2012_18					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	19	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Trash Rakes			40.272544 °	40.272544 °	
				-121.246161 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_19					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	40.272544 °		40.272544 °	
		-121.246161 °		-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Monolith Joints	40.272544 °		40.272544 °	
		-121.246161 °		-121.246161 °	
DWR ID	DWR_NA0015_63_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Safety			40.272544 °		40.272544 °
				-121.246161 °		-121.246161 °
DWR ID	DWR_NA0015_63_t_2012_22					
Action/Comments						
Inspector Comments: There are no visible safety issues at this site.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			40.272544 °	40.272544 °
				-121.246161 °	-121.246161 °
DWR ID	DWR_NA0015_63_t_2013_24				
Action/Comments					
Inspector Comments: The county has copies of the O&M Manual in their Chester office.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Unit Cover Sheet
2018 Structure Inspection Results

Plumas County

Structure
North Fork Feather River Diversion Structure

Structure Rating	A
Date of Inspection	7/17/2018
DWR Inspector	Sterling York
Accompanied By	Rusell Furtado Plumas County Public Works
	Rob Thorman Plumas County Public Works

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/17/2018 07/17/2018	Sterling York

LM Start		Rating **	N	Issue No.	23
LM End		Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			40.302834 °	40.302834 °
				-121.261901 °	-121.261901 °
DWR ID	DWR_NA0015_37_t_2012_23				
Action/Comments					

Photo 1 of 3 : ST_2018_NA0015_37_23_20180725_00014.jpg



View of the dam intake and debris diversion structure, 2018.

LM Start		Rating **	N	Issue No.	23 (cont)
LM End		Issue Type +	Ma	Location *	

Photo 2 of 3 : ST_2018_NA0015_37_23_20180725_00013.jpg



View of the dam and structure from the inlet, 2018.

LM Start		Rating **	N	Issue No.	23 (cont)
LM End		Issue Type +	Ma	Location *	

Photo 3 of 3 : ST_2018_NA0015_37_23_20180725_00015.jpg



View of the outfall structure from the top of the dam, 2018.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Vegetation & Obstructions	40.302834 °		40.302834 °	
		-121.261901 °		-121.261901 °	
DWR ID	DWR_NA0015_37_t_2012_1				
Action/Comments					
Inspector Comments: Remove all vegetation from the face of the dam area before winter, 2018.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Shoaling / Sedimentation	40.302834 °		40.302834 °	
		-121.261901 °		-121.261901 °	
DWR ID	DWR_NA0015_37_t_2012_2				
Action/Comments					
Inspector Comments: Remove the sediment as needed, and keep the fish ladder clear of sedimentation and debris, 2018.					

Photo 1 of 1 : ST_2018_NA0015_37_2_20180725_00027.jpg



View of the build up of sedimentation and debris at the fish ladder intake, 2018.

LM Start	0.00	Rating **	A	Issue No.	3	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			40.302834 °		40.302834 °
				-121.261901 °		-121.261901 °
DWR ID	DWR_NA0015_37_t_2012_3					
Action/Comments						
Inspector Comments: There is no active erosion at this structure.						

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Revetments	40.302834 °		40.302834 °	
		-121.261901 °		-121.261901 °	
DWR ID	DWR_NA0015_37_t_2012_4				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained, 2018.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Encroachments	40.302834 °		40.302834 °	
		-121.261901 °		-121.261901 °	
DWR ID	DWR_NA0015_37_t_2012_5				
Action/Comments					
Inspector Comments: Plumas County needs to remove all debris before winter.					

Photo 1 of 3 : ST_2018_NA0015_37_5_20180725_00025.jpg



View of the debris at the diversion intake structure south side, most of the debris was removed, but the District could not reach it all due to the meandering of the river, 2018.

LM Start	0.00	Rating **	M	Issue No.	5 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST_2018_NA0015_37_5_20180725_00026.jpg



View of the diversion intake structure, north side with no debris present, 2018.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	M	Issue No.	5 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			40.302834 °	40.302834 °	
				-121.261901 °	-121.261901 °	
DWR ID	DWR_NA0015_37_t_2012_5					
Action/Comments						
Inspector Comments: Plumas County needs to remove all debris before winter.						

Photo 3 of 3 : ST_2018_NA0015_37_5_20180723_00002.jpg



View of the high water and debris at the diversion intake structure (2017).

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Culverts: Inlets / Outlets	40.302834 °		40.302834 °	
		-121.261901 °		-121.261901 °	
DWR ID	DWR_NA0015_37_t_2012_6				
Action/Comments					
Inspector Comments: The inlets and outlets appear to be in good condition and clear of debris, 2018.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Culverts: Breaks / Holes / Cracks	40.302834 °		40.302834 °	
		-121.261901 °		-121.261901 °	
DWR ID	DWR_NA0015_37_t_2012_7				
Action/Comments					
Inspector Comments: LMA should Inspect the concrete tunnels each year for cracking and leaks.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Metal Pipes	40.302834 °		40.302834 °	
		-121.261901 °		-121.261901 °	
DWR ID	DWR_NA0015_37_t_2012_8				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Trash Racks	40.302834 °		40.302834 °	
		-121.261901 °		-121.261901 °	
DWR ID	DWR_NA0015_37_t_2012_9				
Action/Comments					

Photo 1 of 2 : ST_2018_NA0015_37_9_20180725_00023.jpg



View of the clean trash rack, 2018.

LM Start	0.00	Rating **	A	Issue No.	9 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2018_NA0015_37_9_20180725_00024.jpg



Second view of the clean trash rack, 2018.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Flap Gates	40.302834 °		40.302834 °	
		-121.261901 °		-121.261901 °	
DWR ID	DWR_NA0015_37_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Sluice/Slide Gates	40.302834 °		40.302834 °	
		-121.261901 °		-121.261901 °	
DWR ID	DWR_NA0015_37_t_2012_11				
Action/Comments					
Inspector Comments: Slide gates are in good working condition, 2018.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Electric Gate Operators	40.302834 °		40.302834 °	
		-121.261901 °		-121.261901 °	
DWR ID	DWR_NA0015_37_t_2017_12				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

Photo 1 of 1 : ST_2018_NA0015_37_12_20180725_00020.jpg



Gauging house on top of dam, no longer used due to vandalism, 2018.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Manual Gate Operators	40.302834 °	40.302834 °		
		-121.261901 °	-121.261901 °		
DWR ID	DWR_NA0015_37_t_2012_13				
Action/Comments					
Inspector Comments: Manual gate operator appears to be working as intended, fittings have been greased and the LMA was there to show the operation of them, 2018.					

Photo 1 of 2 : ST_2018_NA0015_37_13_20180725_00022.jpg



View of the manual screw gates for the fish ladder on the outfall structure, 2018.

LM Start	0.00	Rating **	A	Issue No.	13 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2018_NA0015_37_13_20180725_00021.jpg



Closer view of the manual screw gates for the fish ladder on the outfall structure, 2018.

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Concrete Surfaces	40.302834 °		40.302834 °	
		-121.261901 °		-121.261901 °	
DWR ID	DWR_NA0015_37_t_2012_14				
Action/Comments					
Inspector Comments: There is minor spalling and cracking that Plumas County repaired on the south wall of the outfall structure, 2018.					

Photo 1 of 1 : ST_2018_NA0015_37_14_20180725_00019.jpg



View of the concrete spalling repair on the south wall of the outfall structure, 2018.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	15	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Concrete Tilting / Settlement			40.302834 °		40.302834 °
				-121.261901 °		-121.261901 °
DWR ID	DWR_NA0015_37_t_2012_15					
Action/Comments						
Inspector Comments: There are no significant areas of tilting.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Foundations	40.302834 °		40.302834 °	
		-121.261901 °		-121.261901 °	
DWR ID	DWR_NA0015_37_t_2012_16				
Action/Comments					
Inspector Comments: There is minimal surface cracking along the south wall of the fish ladder.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Security Fencing	40.302834 °		40.302834 °	
		-121.261901 °		-121.261901 °	
DWR ID	DWR_NA0015_37_t_2012_17				
Action/Comments					
Inspector Comments: Safety / security fence is in good condition around the outfall structure and the fish ladder, 2018.					

Photo 1 of 3 : ST_2018_NA0015_37_17_20180723_00009.jpg



View of the security fencing around the outfall.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	17 (cont)
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			40.302834 °	40.302834 °
				-121.261901 °	-121.261901 °
DWR ID	DWR_NA0015_37_t_2012_17				
Action/Comments					
Inspector Comments: Safety / security fence is in good condition around the outfall structure and the fish ladder, 2018.					

Photo 2 of 3 : ST_2018_NA0015_37_17_20180725_00018.jpg



Closer view of the security fencing around the outfall, 2018.

LM Start	0.00	Rating **	A	Issue No.	17 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST_2018_NA0015_37_17_20180725_00017.jpg



View of the security fencing around the fish ladder, 2018.

LM Start	0.00	Rating **	A	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			40.302834 °	40.302834 °
				-121.261901 °	-121.261901 °
DWR ID	DWR_NA0015_37_t_2012_18				
Action/Comments					
Inspector Comments: It appears the closure structure is in good condition. Make sure the flash board drop structures properly seal the front of the structure each year, 2018.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Rakes	40.302834 °		40.302834 °	
		-121.261901 °		-121.261901 °	
DWR ID	DWR_NA0015_37_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Other Metallic Items			40.302834 °		40.302834 °
				-121.261901 °		-121.261901 °
DWR ID	DWR_NA0015_37_t_2012_20					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			40.302834 °	40.302834 °
				-121.261901 °	-121.261901 °
DWR ID	DWR_NA0015_37_t_2012_21				
Action/Comments					
Inspector Comments: The mortar joints appear to be in good condition, 2018.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Plumas County

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/17/2018 07/17/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Safety	40.302834 °		40.302834 °	
		-121.261901 °		-121.261901 °	
DWR ID	DWR_NA0015_37_t_2012_22				
Action/Comments					
Inspector Comments: No safety issues identified at this location. There is hand rail around the inlet and fencing around the fish ladder for safety & fall protection, the outlet also has security fence around the structure, 2018.					

Photo 1 of 1 : ST_2018_NA0015_37_22_20180725_00016.jpg



View of the hand rail around the inlet and fencing around the fish ladder for safety & fall protection, the outlet also has security fence around the structure, 2018.

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Operation & Maintenance Manual	40.302834 °		40.302834 °	
		-121.261901 °		-121.261901 °	
DWR ID	DWR_NA0015_37_t_2013_24				
Action/Comments					
Inspector Comments: The county has copies of the O&M Manual in their Chester office.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement